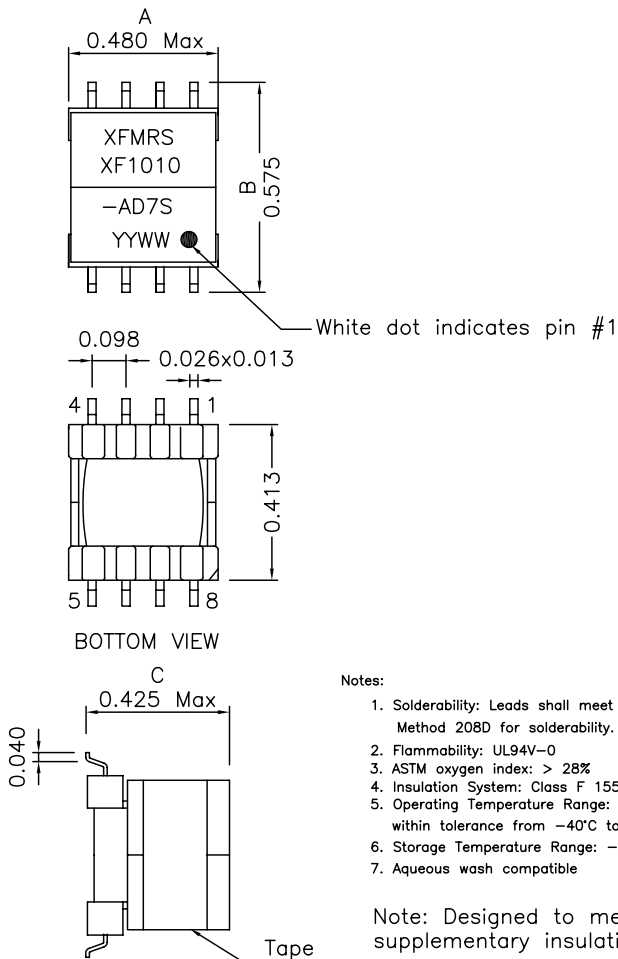


1. Mechanical Dimensions:



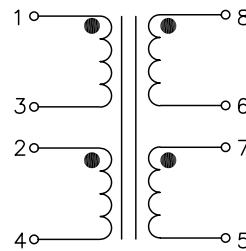
Notes:

- Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible

Note: Designed to meet UL1950 for supplementary insulation, 250 working volts.

DOC REV: A/3

2. Schematic:



2. Electrical Specifications: @25°C

OCL: (Pins 1-4) 850uH±5% @10KHz 0.1V Short 2-3
 Leakage L: (Pins 1-4) 10uH Max @100KHz, 0.1V
 Short 8-5 and 2-3

Cww: (Pins 1-8) 50pF Max @100KHz, 0.1V
 Tie 2+3, 1+4, 7+6, 8+5

DC Res.: (Pins 1-3) 1.32 Ohms Max

DC Res.: (Pins 2-4) 1.32 Ohms Max

DC Res.: (Pins 8-6) 1.63 Ohms Max

DC Res.: (Pins 7-5) 2.09 Ohms Max

HIPOT: 1875VAC Between Line and Chip

Turns Ratio: (1-4):(8-5) = 1:1±1% Short 2-3 & 6-7

THD: -88dB Max @40KHz, 2.5Vrms (7.07Vp-p), Line:IC

THD: -52dB Max @5KHz, 2.0Vrms (5.66Vp-p), Line:IC

Insertion Loss: 0.70dB Max @100KHz

Frequency Response: 0.8dB Max @30KHz-1.1MHz

Longitudinal Balance: 42dB Min @1.1MHz

| | | | |
|----------------------------|----------------------------|------------------|-----------|
| XFMR5 Inc | Title: ADSL TRANSFORMER | | |
| | UNLESS OTHERWISE SPECIFIED | P/N: XF1010-AD7S | REV. A |
| TOLERANCES: .xxx ±0.015 | DWN. | 李小锋 | Jan-28-02 |
| Dimensions in INCH | CHK. | 廖玉坤 | Jan-28-02 |
| SCALE 2.5:1 SHT 1 OF 1 | APP. | Isaiah M | Jan-28-02 |

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